

Kapil Yadav

Full-Stack Software Engineer

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Temporary Graduate Visa (Subclass 485) — Unrestricted Work Rights until April 2029

Portfolio: kapilyadav.dev • GitHub: github.com/yadavkapil-dev • LinkedIn: linkedin.com/in/yadav-kapil

Professional Summary

Full-Stack Software Engineer with a Master of Information Technology and hands-on experience building MERN applications from requirements and database design through automated testing and cloud deployment. Works across React, Node.js, Express, MongoDB, Docker and GitHub Actions, with experience implementing role-based access control on platforms built around real business workflows.

Work Experience

Softlabs — Software Engineer Intern

Nov 2025 – Jan 2026

Sydney, Australia

- Developed a custom WordPress plugin (**Community Voice**) using PHP, WordPress APIs, and MySQL to manage community requests with structured data storage.
- Built anonymous and identified submission workflows with server-side validation and security checks, plus an internal admin dashboard to manage and update request statuses.
- Built and tested an AI chatbot integration on a staging environment to assist visitors and handle pre-qualifying questions.
- Collaborated in requirement discussions and translated business requirements into working software features.

XFlyve Logistics — Fleet Operations (Part-time)

Oct 2024 – Aug 2025

Sydney, Australia

- Managed daily fleet coordination, driver scheduling, and driver pay calculations using spreadsheets, WhatsApp, and manual operational workflows.
- Designed and developed XFlyve, a MERN-based logistics platform that automated job management, proof of delivery, work logs, driver coordination, and operational reporting based on real business workflows.
- Continued enhancing the platform based on operational feedback and evolving business requirements.

A Star Infotech — Web Developer

Jan 2022 – Oct 2023

Sri Ganganagar, India

- Built and customised responsive WordPress websites for local businesses and schools using PHP, WordPress, HTML5, CSS3, and Elementor.
 - Added interactive features and dynamic functionality using JavaScript to improve user experience.
 - Maintained existing websites, fixed front-end issues, and implemented client-requested updates after deployment.
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Projects

XFlyve — Fleet Management Platform (MERN)

2025 – 2026 · [Live Demo](#) · [GitHub](#)

- Built a role-based fleet management platform with JWT authentication and server-enforced ownership checks across admin and driver portals.
- Designed MongoDB schemas with a job lifecycle state machine and automatic truck-status synchronisation.
- Wrote 500+ automated tests (Jest, Playwright) and configured a GitHub Actions CI/CD pipeline gating Docker builds and deployment.
- Containerised the application with Docker, integrated a role-gated AI assistant, and created an Artillery load-testing configuration.

Meetify — Real-Time Video Meeting Platform

[Live Demo](#) · [GitHub](#)

- Built a real-time video meeting application using WebRTC for peer-to-peer audio/video communication and Socket.IO for signalling.
- Implemented session-based authentication, meeting history, and REST APIs using Node.js, Express, and MongoDB.

Wanderlust — Accommodation Listings & Reviews Platform

[Live Demo](#) · [GitHub](#)

- Developed a server-rendered accommodation listings and reviews platform using Node.js, Express, EJS, and MongoDB, with session-based authentication and server-side ownership checks.
 - Integrated Cloudinary for image uploads, Mapbox for location geocoding, and Joi for request validation.
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Technical Skills

Languages: Java, JavaScript, TypeScript, PHP, HTML5, CSS3, SQL

Frontend: React.js, Next.js, Tailwind CSS, Material-UI, Bootstrap

Backend: Node.js, Express.js, REST APIs, Authentication (JWT, Passport.js), Socket.IO (WebSockets), WordPress/PHP

Databases: MongoDB, Mongoose, MySQL

Cloud & DevOps: Docker, GitHub Actions (CI/CD), AWS (EC2, S3, IAM), Vercel, Render

Testing & Tools: Git, GitHub, Jest, Playwright, MySQL Workbench

Education

Master of Information Technology

January 2026

Asia Pacific International College, Australia

Bachelor of Technology (Computer Science)

June 2019

Jodhpur National University, India

SigmaX — AI-Powered Software Engineer Program

Aug 2026 – Present

Apna College — data structures and algorithms, MERN development, system design, and AI application development (LangChain, RAG, agents).